

CLAIMS

What is claimed is:

- 1 1. A system comprising:
2 a controller generator that is adapted to provide an application with a
3 controller that receives requests for data from users and responds to
4 the requests by obtaining requested data; and
5 a preprocessor manager that is adapted to process a preprocessor action for
6 use by the controller during a user session at a portal.

- 1 2. The system set forth in claim 1, wherein the controller is adapted to
2 invoke the preprocessor manager before processing an incoming request for the
3 user session.

- 1 3. The system set forth in claim 1, wherein the preprocessor manager
2 is adapted to map the preprocessor action to the portal.

- 1 4. The system set forth in claim 1, wherein the preprocessor manager
2 is adapted to instantiate a session-scoped object for the preprocessor action.

- 1 5. The system set forth in claim 1, wherein the preprocessor action
2 comprises an architectural bridge adapted to facilitate communication between
3 different server architectures.

1 6. The system set forth in claim 1, wherein the preprocessor action
2 comprises an admission control adapted to continue interaction with a desired
3 server for the duration of the user session.

1 7. The system set forth in claim 1, wherein the preprocessor action
2 comprises a locale setting control adapted to set locale information for the duration
3 of the user session.

1 8. The system set forth in claim 1, comprising a model and a view
2 separate from one another and separate from the controller, wherein the model is
3 adapted to provide an application state for the application and the view is adapted
4 to provide a view presentation for the application.

1 9. A method of creating applications, the method comprising:
2 creating, with a processor-based device, a controller that receives requests
3 for data from users and responds to the requests by obtaining
4 requested data; and
5 providing a preprocessor manager that executes a desired action to produce
6 information accessible by the controller for a desired time of
7 incoming user requests.

1 10. The method set forth in claim 9, comprising configuring the
2 preprocessor manager to execute the desired action before processing the incoming
3 user requests.

1 11. The method set forth in claim 9, comprising mapping the desired
2 action to a portal.

1 12. The method set forth in claim 9, comprising eliminating repetitious
2 execution of the desired action for each of the incoming requests.

1 13. The method set forth in claim 9, comprising configuring the
2 preprocessor manager to instantiate a session-scoped object for the desired action
3 during preprocessor startup.

1 14. A system for creating applications, the system comprising:
2 means for creating a controller that provides control functions for an
3 application, the controller being adapted to receive requests for data
4 from users and respond to the requests by obtaining requested data;
5 and
6 means for preprocessing an action to produce session-scoped information
7 accessible by the controller during incoming user requests.

1 15. The system set forth in claim 14, wherein the means for
2 preprocessing comprises means for bridging communication between at least two
3 architectures.

1 16. The system set forth in claim 14, wherein the means for
2 preprocessing comprises means for controlling admission to a portal.

1 17. The system set forth in claim 14, wherein the means for
2 preprocessing comprises means for setting locale information.

1 18. A program for creating applications, comprising:
2 a machine readable medium;
3 a preprocessor manager stored on the machine readable medium and
4 adapted to provide reusable settings for processing user requests from an
5 application prior to processing the user requests.

1 19. The program set forth in claim 18, comprising controller logic
2 stored on the machine readable medium and adapted to receive the user requests
3 for data from users and respond to the user requests by obtaining requested data.

1 20. The program set forth in claim 18, comprising action classes stored
2 on the machine readable medium and adapted to perform actions for processing the
3 user request.

1 21. The program set forth in claim 18, wherein the preprocessor
2 manager comprises preprocessor action classes mapped to a portal and adapted to
3 execute logic common to the portal to provide the reusable settings.